



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

University of Wollongong
Research Online

Faculty of Science, Medicine and Health - Papers

Faculty of Science, Medicine and Health

2014

Portfolio in a program of selection for a rurally focussed medical school

Ian Wilson

University of Wollongong, ianwil@uow.edu.au

Lyndal Parker-Newlyn

University of Wollongong, lyndal@uow.edu.au

Publication Details

I. Wilson & L. Parker-Newlyn (2014). Portfolio in a program of selection for a rurally focussed medical school. presented at 12th Canadian Conference on Medical Education & 16th Ottawa Conference, Ottawa, Canada, 25-29 April.

Research Online is the open access institutional repository for the University of Wollongong. For further information contact the UOW Library:
research-pubs@uow.edu.au

Portfolio in a program of selection for a rurally focussed medical school

Abstract

Abstract of an oral presentation.

Disciplines

Medicine and Health Sciences | Social and Behavioral Sciences

Publication Details

I. Wilson & L. Parker-Newlyn (2014). Portfolio in a program of selection for a rurally focussed medical school. presented at 12th Canadian Conference on Medical Education & 16th Ottawa Conference, Ottawa, Canada, 25-29 April.



ABSTRACT OTT-OF7-4
Block F7
Monday, April 28, 3:30 - 5:00
Room 207 ~ Level 2

Title: Portfolio in a program of selection for a rurally focussed medical school

Authour(s): Ian Wilson, University of Wollongong; Lyndal Parker-Newlyn, University of Wollongong

Background: Very little has been written concerning the use of portfolios in the selection of medical students. Those papers that have been written have not demonstrated the psychometrics of the process. This presentation will describe the development of and psychometric analysis of the data generated.

Summary of Work: The University of Wollongong commenced taking medical students in 2007. The focus of the program was to be regional, rural and remote medical practice. Selection was based on GPA, GAMSAT, MMI and portfolio. The portfolio is computer based and was designed to measure personal characteristics and rural background. Students completed the portfolio on line and submitted it with their application. Portfolio assessors were trained and each portfolio scored using a structured template. Two scores result, one relating to personal attributes and the other to rural background.

Summary of Results: The psychometrics of the portfolio section were good. The personal attributes section had a Cronbach's alpha of 0.648 which rose to 0.685 when a poorly performing section was removed. The rural section was even better with an alpha of 0.877 rising to 0.914 with a poorly performing section removed. The portfolio scores correlated negatively with the GAMSAT and GPA, while poorly with the MMI. Preliminary predictive data will also be presented.

Conclusions: A selection portfolio can provide additional information to that obtained by more standard methods.

Take home Messages:

A well-constructed portfolio can provide addition valuable information for selection decisions.

Keywords:

- 1.
- 2.
- 3.